

Jc864 U.S. PTO  
09/645588  
08/25/00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Seigo ARITA  
Title: SECURE PARAMETER  
GENERATING DEVICE AND  
PARAMETER GENERATING  
METHOD IN ALGEBRAIC CURVE  
CRYPTOGRAPHY

Appl. No.: Unassigned  
Filing Date: 08/25/2000  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Seigo ARITA

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (100 pages).
- [ X ] Formal drawings (6 sheets, Figures 1-6).
- [ X ] Declaration and Power of Attorney (2 pages).
- [ X ] Assignment of the invention to NEC CORPORATION.
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Claim for Convention Priority w/ 1 certified document.
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO-1449 with copies of 3 listed reference(s).

The filing fee is calculated below:

|   | Claims<br>as Filed | Included in<br>Basic Fee | Extra<br>Claims | Rate   | Fee<br>Totals |
|---|--------------------|--------------------------|-----------------|--|---------------|
| Basic Fee                                   |                    |                          |                 | \$690.00                                       | \$690.00      |
| Total Claims:                               | 39                 | - 20                     | = 19            | x \$18.00                                      | = \$342.00    |
| Independents:                               | 7                  | - 3                      | = 4             | x \$78.00                                      | = \$312.00    |
| If any Multiple Dependent Claim(s) present: |                    |                          |                 | + \$260.00                                     | = \$0.00      |
| Assignment Recordation Fee:                 |                    |                          |                 | + \$40.00                                      | = \$40.00     |
|   |                    |                          |                 | SUBTOTAL:                                      | = \$1384.00   |
| [ ]   |                    |                          |                 | Small Entity Fees Apply (subtract ½ of above): | = \$0.00      |
|   |                    |                          |                 | TOTAL FILING FEE:                              | = \$1384.00   |

- [ X ] A check in the amount of \$1384.00 to cover the filing fee is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date August 25, 2000

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5407  
Facsimile: (202) 672-5399

By Phillip J. Arturiola  
for / David A. Blumenthal  
Attorney for Applicant  
Registration No. 26,257

Reg. No.  
38,819